

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	16	client WITH time WITH (complet\$ or comput\$) WITH (puzzle or formula)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/14 16:21
L2	244	proof near work	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/14 15:11
L3	60	proof near work	USPAT	OR	ON	2007/11/14 15:17
L4	1594	distribut\$ near (task or job)	USPAT	OR	ON	2007/11/14 15:11
L5	0	L3 and L4	USPAT	OR	ON	2007/11/14 15:11
L6	29	(authentica\$ verif\$ authoriz\$) WITH computational WITH task	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/14 15:17
L7	2	proof near work near function	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/14 15:13
L8	28	client near puzzle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/14 15:17
L10	1	"6,944,765".pn.	USPAT	OR	ON	2007/11/14 16:23
L11	47	jakobsson near bjorn near markus	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/14 16:22
L12	35	juels near ari	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/14 16:22
L13	289	713/168.cor.	USPAT	OR	ON	2007/11/14 16:23
L14	80	726/6.cor.	USPAT	OR	ON	2007/11/14 16:23
L15	50	726/7.cor.	USPAT	OR	ON	2007/11/14 16:23
L16	52	726/28.cor.	USPAT	OR	ON	2007/11/14 16:23
L17	0	(computational and task and POW and time).clm.	US-PGPUB	OR	ON	2007/11/14 16:24
L18	0	(mint\$ and task and POW).clm.	US-PGPUB	OR	ON	2007/11/14 16:24
L19	0	(mint\$ and operation and POW).clm.	US-PGPUB	OR	ON	2007/11/14 16:25
L20	0	(task and intense and time and POW).clm.	US-PGPUB	OR	ON	2007/11/14 16:25

## EAST Search History

L21	0	(task and time and POW).clm.	US-PGPUB	OR	ON	2007/11/14 16:26
L22	0	(task and POW and computation\$ and server).clm.	US-PGPUB	OR	ON	2007/11/14 16:26
S1	396	713/168.ccls.	USPAT	OR	OFF	2004/03/02 09:59
S2	102	713/168.cor.	USPAT	OR	OFF	2004/03/02 15:20
S3	0	jakobsson-bjorn	USPAT	OR	OFF	2004/03/02 09:59
S4	0	jakobsson-bjorn.in.	USPAT	OR	OFF	2004/03/02 09:59
S5	1	jakobsson-markus.in.	USPAT	OR	OFF	2004/03/02 10:00
S6	9	(jakobsson near bjorn near markus).in.	USPAT	OR	OFF	2004/03/02 10:02
S7	5	juels-ari.in.	USPAT	OR	OFF	2004/03/02 10:05
S8	5	(juels near ari).in.	USPAT	OR	OFF	2004/03/02 10:09
S9	0	bread near pudding near protocol	USPAT	OR	OFF	2004/03/02 10:10
S10	0	bread near pudding near protocol	USPAT	OR	ON	2004/03/02 10:10
S11	16	bread near pudding	USPAT	OR	ON	2004/03/02 10:10
S12	42	proof near work	USPAT	OR	ON	2007/11/14 15:11
S13	6	S12 and encrypt\$	USPAT	OR	ON	2004/03/02 10:11
S14	0	S12 and POW	USPAT	OR	ON	2004/03/02 10:31
S15	936	distribut\$ near (task or job)	USPAT	OR	ON	2004/03/02 10:27
S16	0	S12 and S15	USPAT	OR	ON	2004/03/02 10:26
S17	718	distribut\$ near task	USPAT	OR	ON	2004/03/02 10:27
S18	15	S17 and (digital near signature)	USPAT	OR	ON	2004/03/02 10:28
S19	0	S18 and (sub near task)	USPAT	OR	ON	2004/03/02 10:28
S20	30	S17 and (sub near task)	USPAT	OR	ON	2004/03/02 10:28
S21	0	S20 and (digital near signature)	USPAT	OR	ON	2004/03/02 10:28
S22	0	S12 and S20	USPAT	OR	ON	2004/03/02 10:32
S23	80	task same (digital near signature)	USPAT	OR	ON	2004/03/02 10:32
S24	28	task WITH (digital near signature)	USPAT	OR	ON	2004/03/02 10:33
S25	0	S12 WITH (digital near signature)	USPAT	OR	ON	2004/03/02 10:33
S26	0	S12 same (digital near signature)	USPAT	OR	ON	2004/03/02 10:33
S27	1	S12 and (digital near signature)	USPAT	OR	ON	2004/03/02 10:46
S28	321	verif\$ near task	USPAT	OR	ON	2004/03/02 10:46
S29	10	S28 and (digital near signature)	USPAT	OR	ON	2004/03/02 10:48
S30	1	S20 and proof	USPAT	OR	ON	2004/03/02 10:49
S31	7	S20 and verif\$	USPAT	OR	ON	2004/03/02 10:52
S32	6	task near activity near log	USPAT	OR	ON	2004/03/02 11:42
S33	1	S32 and restrict\$	USPAT	OR	ON	2004/03/02 10:57

## EAST Search History

S34	0	S32 and prohibit\$	USPAT	OR	ON	2004/03/02 10:57
S35	106	minting	USPAT	OR	ON	2004/03/02 11:43
S36	10	S35 and hash\$	USPAT	OR	ON	2004/03/02 13:21
S37	6	S36 and (task or work)	USPAT	OR	ON	2004/03/02 11:44
S38	0	S36 and (sub near task)	USPAT	OR	ON	2004/03/02 11:44
S39	2	S36 and image	USPAT	OR	ON	2004/03/02 11:46
S40	0	S35 WITH partition\$	USPAT	OR	ON	2004/03/02 11:48
S41	0	S35 same partition\$	USPAT	OR	ON	2004/03/02 11:47
S42	7	S35 and partition\$	USPAT	OR	ON	2004/03/02 11:47
S43	0	S35 WITH sub	USPAT	OR	ON	2004/03/02 11:47
S44	7	S35 WITH (partition\$ or divid\$ or separat\$ or portion\$ or segment\$ or split\$ or division\$)	USPAT	OR	ON	2004/03/02 12:52
S45	0	S44 and hash\$	USPAT	OR	ON	2004/03/02 11:50
S46	29	partition\$ WITH mint\$	USPAT	OR	ON	2004/03/02 12:51
S47	2	S46 and hash\$	USPAT	OR	ON	2004/03/02 12:41
S48	52	distribut\$ WITH mint\$	USPAT	OR	ON	2004/03/02 12:51
S49	278	mint\$ WITH (partition\$ or divid\$ or separat\$ or portion\$ or segment\$ or split\$ or division\$)	USPAT	OR	ON	2004/03/02 12:53
S50	0	mint\$ WITH (sub near task)	USPAT	OR	ON	2004/03/02 12:53
S51	0	mint\$ same (sub near task)	USPAT	OR	ON	2004/03/02 12:53
S52	5	mint\$ and (sub near task)	USPAT	OR	ON	2004/03/02 12:53
S53	10	hash\$ WITH range WITH image	USPAT	OR	ON	2004/03/02 13:24
S54	25098	least near significant near bit	USPAT	OR	ON	2004/03/02 13:25
S55	2	S53 and S54	USPAT	OR	ON	2004/03/02 13:58
S56	2	S55 and advantag\$	USPAT	OR	ON	2004/03/02 13:46
S57	1	"6549210".pn.	USPAT	OR	ON	2004/03/02 13:47
S58	11	search\$ WITH different WITH space WITH solution	USPAT	OR	ON	2004/03/02 14:01
S59	0	S58 and mint\$	USPAT	OR	ON	2004/03/02 14:00
S60	0	S58 and hash\$	USPAT	OR	ON	2004/03/02 14:00
S61	1	S58 same advantag\$	USPAT	OR	ON	2004/03/02 14:01
S62	9	S58 and advantag\$	USPAT	OR	ON	2004/03/02 14:13
S63	1	valid with solution with coin	USPAT	OR	ON	2004/03/02 14:18
S64	1085	valid with solution	USPAT	OR	ON	2004/03/02 14:14
S65	1	S64 same coin	USPAT	OR	ON	2004/03/02 14:14
S66	2	secret near value with coin	USPAT	OR	ON	2004/03/02 14:45

## EAST Search History

S67	1	"5768385".pn.	USPAT	OR	ON	2004/03/02 14:45
S68	1	S67 and advantag\$	USPAT	OR	ON	2004/03/02 15:02
S69	1	S67 and secret	USPAT	OR	ON	2004/03/02 15:07
S70	0	S67 and (secret with hash\$)	USPAT	OR	ON	2004/03/02 15:03
S71	0	S67 and (secret same hash\$)	USPAT	OR	ON	2004/03/02 15:03
S72	58	hash\$ WITH concatenat\$ WITH secret	USPAT	OR	ON	2004/03/02 16:05
S73	0	S72 same advantag\$	USPAT	OR	ON	2004/03/02 15:08
S74	52	S72 and advantag\$	USPAT	OR	ON	2004/03/02 15:09
S75	22	S74 and coin	USPAT	OR	ON	2004/03/02 15:08
S76	22	S72 and coin	USPAT	OR	ON	2004/03/02 15:09
S77	31	713/180.cor.	USPAT	OR	OFF	2004/03/02 15:20
S78	570	713/200.cor.	USPAT	OR	OFF	2004/03/02 15:21
S79	6	S78 and coin	USPAT	OR	OFF	2004/03/02 15:21
S80	19	S78 and monetary	USPAT	OR	OFF	2004/03/02 15:21
S81	94	705/67-69,76.cor.	USPAT	OR	OFF	2004/03/02 15:22
S82	1	"6023508".pn.	USPAT	OR	ON	2004/03/02 16:05
S83	1	S82 and restrict\$	USPAT	OR	ON	2004/03/02 16:11
S84	1	S82 and hash\$	USPAT	OR	ON	2005/01/25 12:04
S85	1	"5963914".pn.	USPAT	OR	OFF	2005/01/25 06:28
S86	102	proof near2 work	USPAT	OR	ON	2005/01/26 14:00
S87	1	"5963914".pn.	USPAT	OR	ON	2005/01/25 12:28
S88	1	S87 and distribut\$	USPAT	OR	ON	2005/01/25 12:29
S89	0	S87 and distribut\$ same proof	USPAT	OR	ON	2005/01/25 12:29
S90	69	project near2 management near2 software	USPAT	OR	ON	2005/01/26 14:00
S91	5	S90 and (restrict\$ near2 access)	USPAT	OR	ON	2005/01/26 14:19
S92	3	S91 and security	USPAT	OR	ON	2005/01/26 14:13
S93	0	S90 and mint\$	USPAT	OR	ON	2005/01/26 14:13
S94	49	((workgroup) or (work near1 group)) near2 software	USPAT	OR	ON	2005/01/26 14:12
S95	4	S94 and mint\$	USPAT	OR	ON	2005/01/26 14:13
S96	4	S95 and (restrict\$ near2 access)	USPAT	OR	ON	2005/01/26 14:13
S97	4	S96 and security	USPAT	OR	ON	2005/01/26 14:15
S98	110	minting	USPAT	OR	ON	2005/01/26 14:15
S99	36	S98 WITH (task\$ or operating or operation or group or produc\$)	USPAT	OR	ON	2005/01/26 14:17

## EAST Search History

S10 0	79	micromint	USPAT	OR	ON	2005/01/26 14:20
S10 1	0	S90 and S100	USPAT	OR	ON	2005/01/26 14:17
S10 2	3622	6\ and S100	USPAT	OR	ON	2005/01/26 14:17
S10 3	0	S94 and S100	USPAT	OR	ON	2005/01/26 14:18
S10 4	26	S100 and task	USPAT	OR	ON	2005/01/26 14:23
S10 5	16	S104 and hash\$	USPAT	OR	ON	2005/01/26 14:19
S10 6	0	S105 and (restrict\$ near2 access)	USPAT	OR	ON	2005/01/26 14:19
S10 7	0	S104 and (restrict\$ near2 access)	USPAT	OR	ON	2005/01/26 14:19
S10 8	0	S101 and (restrict\$ near2 access)	USPAT	OR	ON	2005/01/26 14:19
S10 9	0	micromint.ab.	USPAT	OR	ON	2005/01/26 14:20
S11 0	0	micromint.ti.	USPAT	OR	ON	2005/01/26 14:20
S11 1	1	S90 and hash\$	USPAT	OR	ON	2005/01/26 14:24
S11 2	3	S94 and hash\$	USPAT	OR	ON	2005/01/26 14:35
S11 3	156	peoplesoft or (people near1 soft)	USPAT	OR	ON	2005/01/26 14:35
S11 4	38	S113 and hash\$	USPAT	OR	ON	2005/01/26 15:11
S11 5	757	computational near task	USPAT	OR	ON	2005/01/26 15:11
S11 6	161	correct near computation	USPAT	OR	ON	2005/01/26 15:12
S11 7	11091	S115 ame S116	USPAT	OR	ON	2005/01/26 15:12
S11 8	1	S115 same S116	USPAT	OR	ON	2005/01/26 15:12
S11 9	0	S118 and server	USPAT	OR	ON	2005/01/26 15:12
S12 0	9	S115 and S116	USPAT	OR	ON	2005/01/26 15:12
S12 1	1	S120 and server	USPAT	OR	ON	2005/01/26 15:39

## EAST Search History

S12 2	1	"6237097".pn.	USPAT	OR	ON	2005/01/26 15:39
S12 3	1	S122 and correct	USPAT	OR	ON	2005/01/26 15:39
S12 4	48	proof near work	USPAT	OR	ON	2005/08/18 16:14
S12 5	21	S124 and comput\$	USPAT	OR	ON	2005/08/18 16:27
S12 6	802	distribut\$ near3 encrypt\$	USPAT	OR	ON	2005/08/18 16:31
S12 7	244	proof WITH certificate	USPAT	OR	ON	2005/08/18 16:28
S12 8	16	S126 and S127	USPAT	OR	ON	2005/08/18 16:32
S12 9	204	task near3 encrypt\$	USPAT	OR	ON	2005/08/18 16:31
S13 0	474	task with encrypt\$	USPAT	OR	ON	2005/08/18 16:31
S13 1	1	S127 and S130	USPAT	OR	ON	2005/08/18 16:32
S13 2	52	S130 and proof	USPAT	OR	ON	2005/08/18 16:52
S13 3	1	S130 and (proof with task)	USPAT	OR	ON	2005/08/18 16:33
S13 4	25	receipt near encryption	USPAT	OR	ON	2005/08/18 16:53
S13 5	174	receipt near encrypt\$	USPAT	OR	ON	2005/08/18 16:53
S13 6	0	S130 and S134	USPAT	OR	ON	2005/08/18 16:53
S13 7	13	S130 and S135	USPAT	OR	ON	2005/08/18 16:58
S13 8	121	encrypt\$ WITH price	USPAT	OR	ON	2005/08/18 17:10
S13 9	72	S138 and (proof or receipt)	USPAT	OR	ON	2005/08/18 17:06
S14 0	71	S139 and time	USPAT	OR	ON	2005/08/18 17:06
S14 1	40	encrypt\$ near4 price	USPAT	OR	ON	2005/08/18 17:01
S14 2	18	S141 and (proof or receipt)	USPAT	OR	ON	2005/08/18 17:06
S14 3	17	S142 and time	USPAT	OR	ON	2005/08/18 17:06

## EAST Search History

S14 4	446	encrypt\$ near service	USPAT	OR	ON	2005/08/18 17:10
S14 5	7	S138 and S144	USPAT	OR	ON	2005/08/18 17:22
S14 6	62	(proof or receipt) same mint\$	USPAT	OR	ON	2005/08/18 17:22
S14 7	8	S146 and hash\$	USPAT	OR	ON	2005/08/18 17:22
S14 8	17	(jakobsson near bjorn near markus). in.	USPAT	OR	OFF	2006/02/17 14:07
S14 9	6	S148 and proof	USPAT	OR	OFF	2006/02/17 14:07
S15 0	0	S148 and proof near work	USPAT	OR	OFF	2006/02/17 14:07
S15 1	17	(jakobsson near bjorn near markus). in.	US-PGPUB	OR	OFF	2006/02/17 14:07
S15 2	0	S151 and proof near work	US-PGPUB	OR	OFF	2006/02/17 14:33
S15 3	10	authentikat\$ WITH puzzle	USPAT	OR	ON	2006/02/17 14:36
S15 4	6	S153 same time	USPAT	OR	ON	2006/02/17 14:36
S15 5	4	authentikat\$ WITH computational WITH task	USPAT	OR	ON	2007/11/14 15:12
S15 6	0	S155 same time	USPAT	OR	ON	2006/02/17 14:36
S15 7	4	S155 and time	USPAT	OR	ON	2006/02/17 15:04
S15 8	5614	time WITH (complet\$ or comput\$) WITH task	USPAT	OR	ON	2006/02/17 14:46
S15 9	6	S158 WITH authentikat\$	USPAT	OR	ON	2006/02/17 14:55
S16 0	80	S158 WITH (partion\$ or fragment\$ or divid\$)	USPAT	OR	ON	2006/02/17 14:48
S16 1	0	S160 same authentikat\$	USPAT	OR	ON	2006/02/17 14:48
S16 2	5	S160 and authentikat\$	USPAT	OR	ON	2006/02/17 14:48
S16 3	299	S158 and authentikat\$	USPAT	OR	ON	2006/02/17 14:54
S16 4	2259	time WITH (complet\$ or comput\$) WITH (puzzle or formula)	USPAT	OR	ON	2006/02/17 14:56
S16 5	7	S164 WITH authentikat\$	USPAT	OR	ON	2006/09/02 15:11

## EAST Search History

S16 6	9	S164 same authenticat\$	USPAT	OR	ON	2006/02/17 14:55
S16 7	4	client WITH time WITH (complet\$ or comput\$) WITH (puzzle or formula)	USPAT	OR	ON	2007/11/14 15:10
S16 8	24	client WITH time WITH (complet\$ or comput\$ or calculat\$) WITH (puzzle or equation or formula)	USPAT	OR	ON	2006/02/17 15:04
S16 9	5	client adj puzzle	USPAT	OR	ON	2006/02/17 15:13
S17 0	5	S169 and time	USPAT	OR	ON	2006/02/17 15:04
S17 1	6	client adj puzzle	US-PGPUB	OR	ON	2006/02/17 15:10
S17 2	17	client with puzzle	US-PGPUB	OR	ON	2006/02/17 15:11
S17 3	43635	client wiht puzzle	USPAT	OR	ON	2006/02/17 15:13
S17 4	8	client with puzzle	USPAT	OR	ON	2006/02/17 15:15
S17 5	8	S174 and puzzle	USPAT	OR	ON	2006/02/18 16:04
S17 6	0	"5158464"	JPO	OR	ON	2007/11/14 16:04
S17 7	0	"158464"	JPO	OR	ON	2006/02/18 16:05
S17 8	2	proof near work near function	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/02 15:12
S17 9	214	proof near work	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/02 15:12
S18 0	16	S179 WITH comput\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/02 15:12
S18 1	2	proof near work near function	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/15 16:00
S18 2	222	proof near work	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/15 16:00